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(71)Applicant : MITSUI PETROCHEM IND LTD

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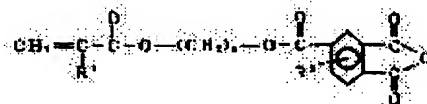
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(54) POROUS BODY, POROUS CARRIER MADE OF POROUS THE BODY, MATERIAL WITH IMMOBILIZING FUNCTION AND MADE USING THE POROUS CARRIER, THEIR PRODUCTION, AND COMPOSITION FOR PRODUCING POROUS BODY

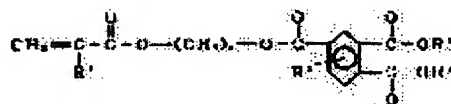
(57)Abstract:

PURPOSE: To obtain a porous body which is useful as a carrier suitable for immobilizing a functional substance by copolymerizing a specific (meth)acrylic ester (deriv.) with a specific (meth)acrylate and forming pores on the surface of and/or inside the resulting copolymer.

CONSTITUTION: A porous body is obtd. by copolymerizing at least one (meth) acrylic ester (deriv.) having an acid anhydride group and selected from compds. of formulae I and II (wherein (n) is 2-6; R₁ is H or 1-4C alkyl; R₂ is R₁ or carboxyl; and each R₃ is independently R₁ provided when one of R₃'s is alkyl, then the other is H) with a 1-4C alkyl (meth)acrylate (e.g. methyl methacrylate) in the presence of a polyalkyl (meth)acrylate derived from a 1-4C alkyl (meth) acrylate and forming pores with a diameter of 1-20μm on the surface of and/or inside the resulting copolymer.



I



II